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PATENT

GROUP 1600

Docket No. 290.00330101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Nancy W.Y. Ho et al.) Group Art Unit: 1653
)
Serial No.: 09/180,340) Examiner: Hope A. Robinson
Confirmation No.: 6674)
)
Filed: 20 August 1999)
)
For: STABLE RECOMBINANT YEASTS FOR FERMENTING
XYLOSE TO ETHANOL

FACSIMILE TRANSMISSION TO THE PTO

Assistant Commissioner for Patents
Attn: Examiner Robinson
P.O. Box 1450
Alexandria, VA 22313-1450

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☒ Small Entity Status is entitled to be asserted in the above-identified application.

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AMENDMENT AND RESPONSE

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed 27 March 2003, please amend the above-identified application as follows:

In the Claims

Please amend claims 1, 14, 18, 23, 25, 27 and 30. The amended claims are provided below in clean form. Per 37 C.F.R. §1.121, amended claims are also shown in Appendix A with notations to indicate changes made (for convenience, all pending claims, are provided in Appendix A).

C1
1. A yeast which ferments xylose to ethanol, comprising:

genes integrated at each of multiple reiterated ribosomal DNA sites of the yeast, said genes encoding xylose reductase, xylitol dehydrogenase, and xylulokinase. *no indication required*

C2
14. A method of integrating multiple copies of exogenous DNA into reiterated chromosomal DNA of cells, comprising: *in cell*